|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Week/ Date** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **Jan**  **7-11**  **Class** | Teacher Workday  No Students | Ch. 5 Intro: Right triangle trig – 6 definitions using similar triangles  [Right triangle Rev. w/key](Trig%20&%20Triangles/PCH%20-%20Right%20triangle%20Review%20-%20Assignment.ia2) | Applications of Right Triangle Trig.  Angles of elevation and depression  Solving right triangles  [Rt tri trig.docx](Trig%20&%20Triangles/Rt%20tri%20trig.docx) | Applications of Right Triangle Trig. 2  Inverse of Sin, Cos, Tan | Special Right Triangles |
| **Hmwk** |  | **HW #1**  Finish worksheet | **HW #2**  5.5: 9,10,14, 17,18 | **HW #3**  5.5 15, 19,21 | **HW #4**  5.5:22-24 |
| **Jan**  **14-18**  **Class** | Special right triangles  And sine, cosine, tangent  Measurements of Rotation  Reference Angles | Sine and Cosine and the Unit circle: [unit circle.docx](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\PCH%202010\trig%20graphs\unit%20circle.docx)  [Sp.Rt. Tri's on Unit Circle.docx](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\PCH%202010\Unit%20Circle\Unit%20Circle\Sp.Rt.%20Tri's%20on%20Unit%20Circle.docx)    Sine and Cosine with any circle | More on Unit Circle  Walking the Unit Circle  Wkst: [Unit Circle\Unit Circle Location Wksht #2 degrees.doc](Unit%20Circle/Unit%20Circle%20%20Location%20Wksht%20#2 degrees.doc) Locate each angle, determine its reference angle, find the trig value. | Tangent, Secant, Cosecant and Cotangent and the Unit Circle  Exact values on Unit Circle | **Junior Seminar** |
| **Hmwk** | **HW #5**  5.2: 1-25 odd | **HW #6**  5.3 1-14 | **HW #7**  5.4: 7-33odd | **HW #8**  5.4 8-40 /even |  |
| **Jan**  **21-25**  **Class** | MLK Day **School Closed** | Ch.5 review:  R2, R3(a,b), R4-R6  Chapter Test:  T9-T20 | TASK on Unit Circle  And right tri trig | [Unwrapping the unit Circle](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\PCH%202010\Unit%20Circle\Unit%20Circle\Unwapping%20the%20unit%20circle.docx) | Graphs of Sine, Cosine |
| **Hmwk** |  | **HW # 9**  Study for TASK | **HW #10**  5.3: 15-20  5.5: 7 | **HW # 11**  **5.3: 15-20**  Read pg. 283 | **HW #12**  **Wksheet #’s 1-18** |
| **Jan 28 –**  **Feb 1**  **End of 4 weeks**  **Class** | Graphs of Sine, Cosine  Equations from Graphs I  Pg. 291: Q1-Q8  6.2: 1-4 | Writing equations from Graphs II | Graphs of Tangent,  Secant, Cosecant | More on Tangent, Secant and Cosecant  6.3:11-14  Radians and the Unit Circle  Degrees to Radians; Radians to degrees | Quiz – graphing trig functions - degrees |
| **Hmwk** | **HW #13**  6.2: 5-14 | **HW #14**  6.2:15-21 | **HW #15**  6.3: 1-10 |  | **HW #16**  6.4:3-11all, 15-25all |
| **Feb 4-8**  **Class** | 6.4 Radians | 6.5: Circular functions (radians) | 6.5: 39-43 | Trig graphs in radians  Models: Part I | Trig graphs in radians  Models: Part II |
| **Hmwk** | **HW # 17**  6.4: 12,26, 39-48 | **HW #18.**  6.5: 1-8, 13-16, 21-26 | **HW #19**  6.5: 27-33, 35, 37,38 | **HW #20**  6.7: 1-3, 5 | **HW #21**  6.6: 1,4,5-13odd |
| **Feb 11-15**  **Class** | 6.7: 11, 12 | Review | **TASK** | Introduction to Biorhythm Project | Intro to Trig Identities  Pythagorean Identities  NHS Convocation |
| **Hmwk** | **HW #22**  6.7: 6-8, 10 | **Study for TASK** |  | **Work on Project** | **HW #23**  7.3: 1-16 |
| **Feb 18-22**  **Class** | Presidents' Day  **School Closed** | 7.3 More on Basic Trig Identities | 7.3 Identities with more complicated algebraic techniques.  7.4 Review of Inverse Trig functions and Solving equations | 7.4: 1-20 | 7.4/7.6 Inverse Trig Relation Graphs |
| **Hmwk** |  | **HW #24**  7.3:17-35odd | **HW #25**  7.3: 36, 37, 43-53odd | **HW #26**  7.4: 21-27, 29 | **HW #27**  7.4: 32-36, 41, 43 |
| **Feb 25 –**  **Mar 1**  **End of 8 weeks**  **Class** | 7.6 | More with equations and identities | Finish chapter | Review | **TASK** |
| **Hmwk** | **HW #27**  7.6: 5-23odd | **HW #28**  Complete worksheet | **HW #29**  Chapter Review: R1-R4, C2, T10, T11 | **Study for TASK** |  |
| **Mar 4-8** | **B** | **R** | **E** | **A** | **K** |
| **Mar**  **11-15**  **Class** | WORK DAY | 8.1/8.2: Introduction to Combinations of Sinusoids  Composite Argument and Linear Combination Properties | 8.2: Exp 8.2a,b | 8.3 Other Composite Argument Properties | Course Registration Info with Mrs. Robinson |
| **Hmwk** |  | **HW #30**  8.2: 1-7odd, 11 | **HW #31**  8.2:16, 17, 19, 23, 29 | **HW #32**  8.3: 1-8,11-15 |  |
| **Mar**  **18-22**  **Class** | 8.3: |  |  |  |  |
| **Hmwk** | **HW #33**  8.3: 16-27,29 | **HW #** | **HW #** | **HW #** | **HW #** |
| **Mar**  **25-29**  **Class** |  |  |  |  | Good Friday  No school |
| **Hmwk** | **HW #** | **HW #** | **HW #** | **HW #** |  |
| **April**  **1-5**  **Class** | **Spring Holiday**  **No School** |  |  |  |  |
| **Hmwk** |  | **HW #** | **HW #** | **HW #** | **HW #** |
| **Apr8-12**  **End of 4 weeks**  **Class** |  |  |  |  |  |
| **Hmwk** | **HW #** | **HW #** | **HW #** | **HW #** | **HW #** |
| **Apr 15-19**  **Class** |  |  | Experience the Arts Day |  |  |
| **Hmwk** | **HW #** | **HW #** | **HW #** | **HW #** | **HW #** |
| **Apr 22-26**  **Class** |  |  |  |  |  |
| **Hmwk** | **HW #** | **HW #** | **HW #** | **HW #** | **HW #** |
| **Apr 29 –**  **May3**  **Class** |  |  |  | **Spring Fling** |  |
| **Hmwk** | **HW #** | **HW #** | **HW #** | **HW #** | **HW #** |
| **May 6-10**  **Class**  **Grad 5/11** |  |  |  |  |  |
| **Hmwk** | **HW #** | **HW #** | **HW #** | **HW #** | **HW #** |
| **May**  **13-17**  **Class** | Last Test |  |  |  |  |
| **Hmwk** | **HW #** | **HW #** | **HW #** | **HW #** | **HW #** |
| **May**  **20-24**  **Class** |  |  | **Math Exam** |  |  |
| **Hmwk** | **HW #** | **HW #** | **HW #** | **HW #** | **HW #** |